

SEQUENCE LISTING

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<120> ANTIBODY DIVERSITY GENERATION

<130> 0241.310us

<140> US 09/704,469
<141> 2000-11-01

<150> US 60/176,002
<151> 2000-01-12

<150> US 60/163,370
<151> 1999-11-03

<160> 6

<170> FastSEQ for Windows Version 4.0

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<213> Mus musculus

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1 5 10 15
Ser Met Lys Leu Ser Cys Val Ala Ser Gly Phe Ile Phe Ser Asn His
20 25 30
Trp Asn Met Trp Val Arg Gln Ser Pro Glu Lys Gly Leu Glu Trp Val
35 40 45
Ala Glu Ile Arg Ser Lys Ser Ile Asn Ser Ala Thr His Tyr Ala Glu
50 55 60
Ser Val Lys Gly Arg Phe Thr Ile Ser Arg Asp Asp Ser Lys Ser Ala
65 70 75 80
Val Tyr Leu Gln Met Ile Asp Leu Arg Ile Glu Asp Thr Gly Val Tyr
85 90 95
Tyr Cys Ser Arg
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<210> 2
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<212> PRT
<213> Homo sapiens

<400> 2
Gln Val Gln Leu Val Gln Ser Gly Ala Glu Val Lys Lys Pro Gly Ala
1 5 10 15

Ser Val Lys Val Ser Cys Lys Ala Ser Gly Tyr Thr Phe Thr Ser Tyr
20 25 30
Ala Asn His Trp Val Arg Gln Ala Pro Gly Gln Gly Leu Glu Trp Met
35 40 45
Gly Trp Ile Asn Pro Lys Ser Asn Ser Gly Asn Thr Lys Tyr Ser Gln
50 55 60
Lys Phe Gln Gly Arg Val Thr Ile Thr Arg Asp Thr Ser Ala Ser Thr
65 70 75 80
Ala Tyr Met Glu Leu Ser Ser Leu Arg Ser Glu Asp Thr Ala Val Tyr
85 90 95
Tyr Cys Ala Arg
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<210> 3
<211> 100
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<400> 3
Gln Val Gln Leu Val Gln Ser Gly Ala Glu Val Lys Lys Pro Gly Ala
1 5 10 15
Ser Val Lys Val Ser Cys Lys Ala Ser Gly Tyr Thr Phe Thr Gly Tyr
20 25 30
Tyr Asn His Trp Val Arg Gln Ala Pro Gly Gln Gly Leu Glu Trp Met
35 40 45
Gly Trp Ile Asn Pro Lys Ser Asn Ser Gly Gly Thr Asn Tyr Ala Gln
50 55 60
Lys Phe Gln Gly Arg Val Thr Ile Thr Arg Asp Thr Ser Ala Ser Thr
65 70 75 80
Ala Tyr Met Glu Leu Ser Ser Leu Arg Ser Glu Asp Thr Ala Val Tyr
85 90 95
Tyr Cys Ala Arg
100

<210> 4
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<213> Homo sapiens

<400> 4
Gln Val Gln Leu Val Gln Ser Gly Ser Glu Leu Lys Lys Pro Gly Ala
1 5 10 15
Ser Val Lys Val Ser Arg Lys Ala Ser Gly Tyr Thr Phe Thr Gly Tyr
20 25 30
Tyr Asn Asn Trp Val Arg Gln Ala Pro Gly Gln Gly Leu Glu Trp Met
35 40 45
Gly Trp Ile Asn Thr Lys Ser Asn Thr Gly Asn Pro Thr Tyr Ala Gln
50 55 60
Gly Phe Thr Gly Arg Phe Val Phe Ser Leu Asp Thr Ser Val Ser Thr
65 70 75 80
Ala Tyr Leu Gln Ile Ser Ser Leu Lys Ala Glu Asp Thr Ala Val Tyr
85 90 95
Tyr Cys Ala Arg
100

<210> 5
<211> 100
<212> PRT
<213> Homo sapiens

<400> 5
Gln Val Lys Leu Val Gln Ser Gly Ala Glu Val Lys Lys Pro Gly Val
1 5 10 15
Ser Val Lys Val Ser Cys Lys Ala Ser Gly Ser Thr Val Thr Asn Tyr
20 25 30
Ala Ile His Trp Val Arg Gln Ala Pro Gly Gln Arg Leu Glu Trp Met
35 40 45
Gly Trp Ile Asn Ala Lys Ser Gly Asn Gly Asn Thr Lys Tyr Ser Gln
50 55 60
Lys Phe Gln Gly Arg Val Thr Ile Thr Arg Asp Thr Ser Ala Asn Thr
65 70 75 80
Ala Tyr Met Glu Leu Ser Ser Leu Arg Ser Glu Asp Thr Ala Val Tyr
85 90 95
Tyr Cys Ala Arg
100

<210> 6
<211> 100
<212> PRT
<213> Homo sapiens

<400> 6
Gln Val Gln Leu Gln Glu Ser Gly Ala Glu Val Arg Lys Pro Gly Ala
1 5 10 15
Ser Val Lys Val Ser Cys Lys Ala Ser Gly Tyr Ile Leu Thr Thr Tyr
20 25 30
Tyr Asn His Trp Val Arg Gln Ala Pro Gly Gln Gly Leu Glu Trp Met
35 40 45
Gly Leu Ile Asn Pro Lys Ser Ser Gly Gly Ser Gly Gly Asn Ile His
50 55 60
Lys Phe Gln Gly Arg Leu Thr Met Thr Arg Asp Thr Ser Thr Ser Thr
65 70 75 80
Val Tyr Met Glu Met Ser Ser Leu Arg Ser Glu Asp Thr Ala Val Tyr
85 90 95
Phe Cys Ala Arg
100